

Title (en)

Process for separating isomers of disubstituted benzenes

Title (de)

Isomerentrennverfahren für disubstituierte Benzole

Title (fr)

Procédé pour la séparation d'isomères de benzènes disubstitués

Publication

EP 0487818 B1 19970924 (EN)

Application

EP 91109239 A 19910606

Priority

- JP 1687291 A 19910118
- JP 3517891 A 19910205
- JP 32084590 A 19901127

Abstract (en)

[origin: EP0487818A1] This invention is concerned with a process for separating isomers of disubstituted benzenes, wherein a mixture of isomers of disubstituted benzenes is contacted with a substituted cyclodextrin to form inclusion complexes, and desired isomers are recovered therefrom in a highly selective manner. The invention also provides substituted cyclodextrins suited for use in the process. Substituted cyclodextrins used in the process can be recovered and used repeatedly.

IPC 1-7

C07C 7/152; C07C 7/10; C07C 17/38; C07C 201/16; C08B 37/16

IPC 8 full level

C07C 7/152 (2006.01); **C07C 17/395** (2006.01); **C08B 37/00** (2006.01)

CPC (source: EP US)

C07C 7/152 (2013.01 - EP US); **C07C 17/395** (2013.01 - EP US); **C08B 37/0015** (2013.01 - EP US)

C-Set (source: EP US)

C07C 7/152 + C07C 15/02

Cited by

KR100793690B1; US6232518B1; WO9901524A1; WO0164606A1; WO0210097A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0487818 A1 19920603; EP 0487818 B1 19970924; DE 69127744 D1 19971030; DE 69127744 T2 19980129; HU 212635 B 19960930;
HU 912733 D0 19920128; HU T60228 A 19920828; US 5177302 A 19930105

DOCDB simple family (application)

EP 91109239 A 19910606; DE 69127744 T 19910606; HU 273391 A 19910816; US 70388591 A 19910522